

Message

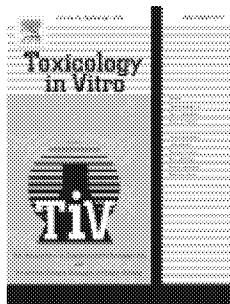
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Subject: Toxicology in Vitro: Alert 29 June-5 July



Alert: Toxicology in Vitro

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Toxicology in Vitro
Volume 35 , Pages 1-212, September 2016

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Mechanisms

Full Length Articles

Inhibition of the formation of benzo[a]pyrene adducts to DNA in A549 lung cells exposed to mixtures of polycyclic aromatic hydrocarbons Original Research Article

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Camille Genies, Amandine Jullien, Emmanuel Lefebvre, Morgane Revol, Anne Maitre, Thierry Douki

Graphical abstract

Image 1



Zeranol induces COX-2 expression through TRPC-3 activation in the placental cells JEG-3 Original Research Article

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Mechanistic studies of the toxicity of zinc gluconate in the olfactory neuronal cell line Odora Original Research Article

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Cytotoxicity of carteolol to human corneal epithelial cells by inducing apoptosis via triggering the Bcl-2 family protein-mediated mitochondrial pro-apoptotic pathway Original Research Article

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Image 1

Toxicity of tannic acid-modified silver nanoparticles in keratinocytes: potential for immunomodulatory applications Original Research Article

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Acrolein enhances epigenetic modifications, FasL expression and hepatocyte toxicity induced by anti-HIV drug Zidovudine Original Research Article

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Human precision-cut liver slices as a model to test antifibrotic drugs in the early onset of liver fibrosis Original Research Article

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Calmidazolium chloride inhibits growth of murine embryonal carcinoma cells, a model of cancer

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A new semisynthetic 1-O-acetyl-6-O-lauroylbritannilactone induces apoptosis of human

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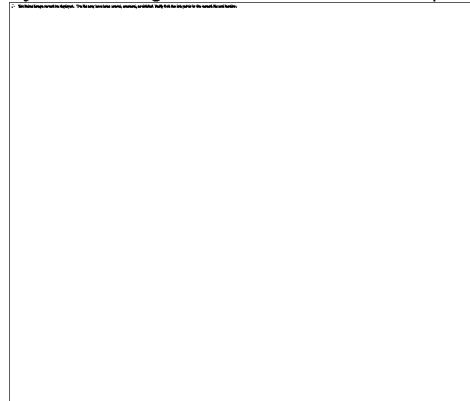
Sublethal effects of zinc oxide nanoparticles on male reproductive cells Original Research Article

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Graphical abstract

Schematic summary of potential biological hazards and mechanism of ZnO NPs impact on the male reproductive system using TM-4 cells and GC2-spd cells as in vitro evaluation models. Image 1



Profiling of the toxicity mechanisms of coated and uncoated silver nanoparticles to yeast

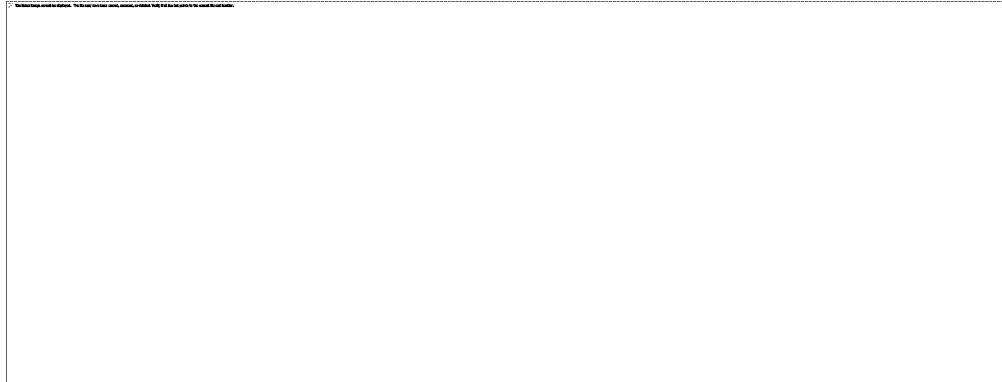
Saccharomyces cerevisiae BY4741 using a set of its 9 single-gene deletion mutants defective in oxidative stress response, cell wall or membrane integrity and endocytosis Original Research Article

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Sandra Käosaar, Anne Kahru, Paride Manteca, Kaja Kasemets

Graphical abstract

Image 1



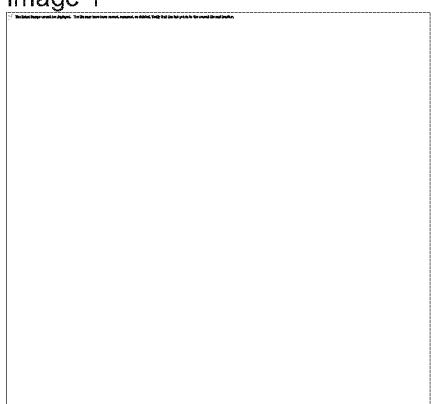
ZnO nanoparticle tracking from uptake to genotoxic damage in human colon carcinoma cells Original Research Article

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Image 1



Monomethylarsonous acid, but not inorganic arsenic, is a mitochondria-specific toxicant in vascular smooth muscle cells Original Research Article

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Image 1



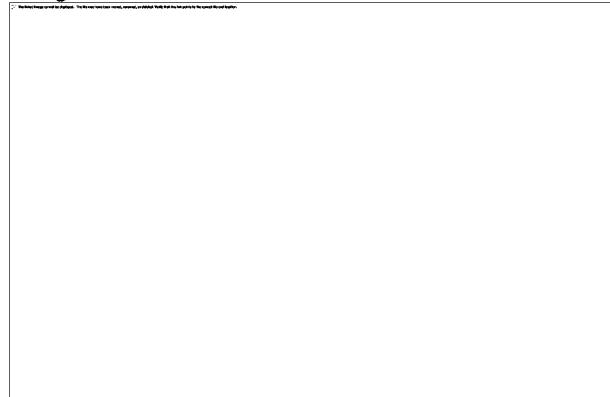
Silica nanoparticles activate purinergic signaling via P2X7 receptor in dendritic cells, leading to production of pro-inflammatory cytokines Original Research Article

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Image 1



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Necroptosis contributes to methamphetamine-induced cytotoxicity in rat cortical neurons

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Acrylamide affects proliferation and differentiation of the neural progenitor cell line C17.2 and the neuroblastoma cell line SH-SY5Y Original Research Article

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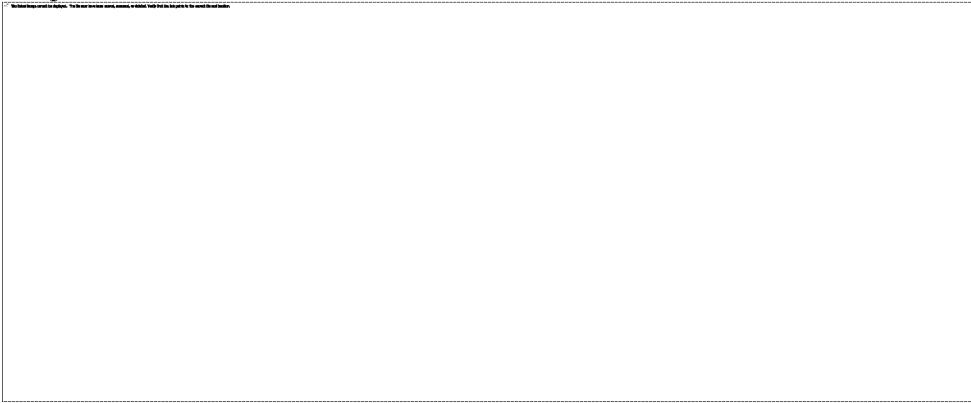
Inhibition of bile canalicular network formation in rat sandwich cultured hepatocytes by drugs associated with risk of severe liver injury Original Research Article

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Graphical abstract

Image 1



Drug-induced phospholipidosis caused by combinations of common drugs *in vitro* Original Research Article

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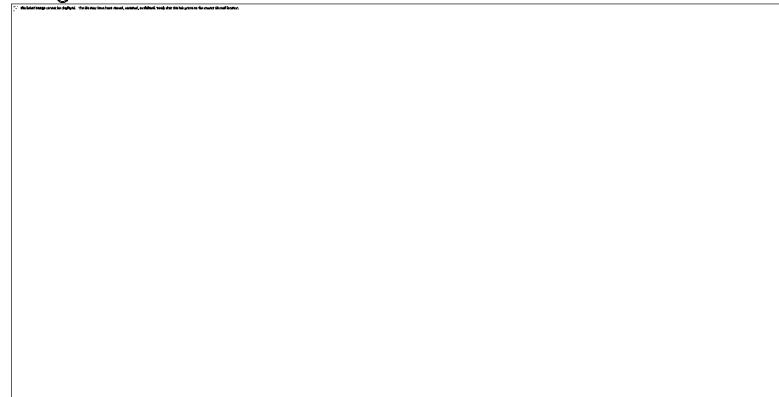
Polychlorinated biphenyl exposure alters the expression profile of microRNAs associated with vascular diseases Original Research Article

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Graphical abstract

Image 1



European Society of Toxicology In Vitro Flyer

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